

# LED1W-R | DATASHEET

## Replacement LED source, red



### SPECIFICATIONS

#### Lighting specifications

Light color, Peak wavelength		red, 625 nm
Spectral FWHM	(nm)	20

#### Electrical specifications

Led Forward voltage typical (max) <sup>1</sup>	(V)	2.4 (3)
Max led forward current <sup>2</sup>	(mA)	350
Max pulse current <sup>3</sup>	(mA)	2000

#### Mechanical specifications

Length	(mm)	21.0
Width	(mm)	21.0
Height	(mm)	3.6
Mass	(g)	2

#### Environment

Operating temperature	(°C)	0-40
Storage temperature	(°C)	0-50
Operating relative humidity	(%)	20-85, non condensing

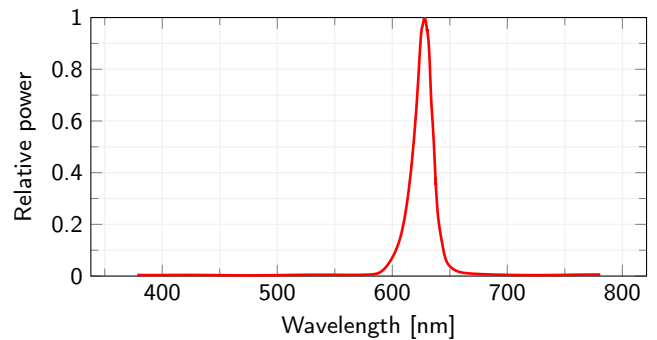
Installation Indoor use only

<sup>1</sup> At max forward current. Tolerance is  $\pm 0.06V$  on forward voltage measurements

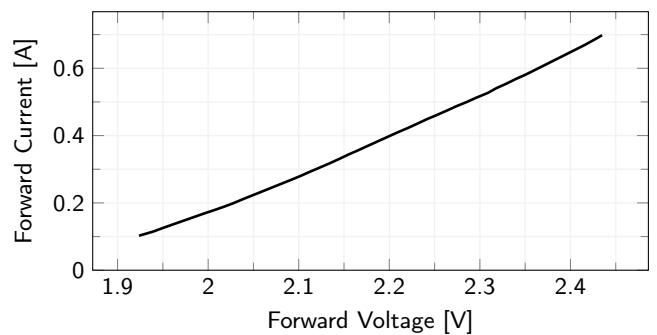
<sup>2</sup> In continuous mode (not pulsed)

<sup>3</sup> At pulse width  $\leq 10$  ms and duty cycle  $\leq 10\%$ . Built-in electronics board must be bypassed (see tech info)

LED color spectrum



Forward Current Characteristics



### COMPATIBLE PRODUCTS

Full list of compatible products available [here](#).



A wide selection of innovative machine vision components.